

11674-11516

August 7, 1996

John R. Talbot, REA
Cornerstone Technologies Inc.
1300 Quail Street, Suite 203
Newport Beach, California 92660

RECEIVED

AUG 08 1996

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

Subject: Armstrong World Industries Clarifier

Dear John:

I have reviewed the material you provided on the subject clarifier. The oil/water separator is supported directly over the clarifier walls. Removal of the clarifier would cause loss of support for the separator. Based on structural considerations, I would advise leaving the clarifier in place.

Sincerely,

GRILLIAS • PIRC • ROSIER • ALVES



Peter A. Grillias, SE
PAG:dgq



**CORNERSTONE TECHNOLOGIES, INC.***Environmental & Construction*

011474-011516

RUS
cjh

August 7, 1996

LACDPW File No. EP-1 011474-011516

VIA FAX & REGULAR MAIL

Mr. John Hunter
Public Works Department
CITY OF SOUTH GATE
8650 California Avenue
South Gate, CA 90280-3075
Phone: (310) 802-7880
(213) 563-9537
Fax: (213) 563-9572

cc: Ms. Nardy Drew
Environmental Programs
LACDPW
900 Fremont Street, Annex 3rd Flr.
Alhambra, CA 91803-1331
(818) 458-3511
(818) 458-3569

Subject: **Industrial Waste Pretreatment System Closure**
Armstrong World Industries, 5037 Patata Street
Cornerstone PN E3390-9642

Dear Mr. Hunter:

As per our earlier conversation regarding the above mentioned Site, Cornerstone Technologies, Inc. (Cornerstone) has prepared this workplan in assisting Armstrong World Industries, Inc. (Armstrong) with preparing a workplan for closure in place of the in-operative three stage wastewater clarifier which currently exists at the site (Please refer to Figure 1). We had received preliminary approval to proceed as based on our earlier discussions with the City of South Gate and the Los Angeles County Department of Public Works (LACDPW). However, upon final review it was determined that the LACDPW will require that both agency directives are met. Therefore, this workplan has been revised as of August 7, 1996 to incorporate the requirements of the LACDPW. Upon LACDPW approval, Cornerstone will resubmit our workplan to the City of South Gate for final approval. The final report will be sent to both agencies for sign-off and two letters of closure will be prepared, provided all sampling data is accepted. This workplan outlines our proposed soil sample locations, depths, and test methods. It is understood that we will not proceed with any sampling until receiving written and/or verbal approval from both the LACDPW and the City of South Gate.

Enclosed is a check in the amount of \$142.⁰⁰, and the completed Industrial Waste Pretreatment System Closure form as required by the City of South Gate (Please refer to Appendix A). Cornerstone will also obtain a permit from the LACDPW prior to beginning work. Armstrong has paid a permit fee of \$ 375.⁰⁰ to operate the clarifier as paid to the LACDPW for existing permit to operate No. P00003065T (Please refer to Appendix B). Since this payment is for the operating period between May 5, 1996 through May 4, 1997, Armstrong respectfully requests that the DPW appropriate a portion of the \$ 375.⁰⁰ for the closure permit fee.



167-011-791

The following represents the scope of work proposed by Cornerstone as based on the standard requirements of the LACDPW and the City of South Gate sampling investigation protocols as outlined in the California Environmental Protection Agency (EPA) -Department of Toxic Substances Control (DTSC) Preliminary Endangerment Assessment Manual (PEA) dated January 1994 and the Solid Waste Analysis protocols outlined in SW-846. Additionally, Cornerstone will comply with all health and safety requirements and only proceed upon written approval from both the LACDPW and the City of South Gate. The clarifier has not been in operation for some time. In fact, the system does not have any connections to existing plumbing or sewerage systems. Since the proposed closure in place does not include retrofit of any existing plumbing or sewerage services, Cornerstone does not anticipate requiring a separate plumbing or sewer permit.

Scope of Work

Cornerstone proposes performing the required sampling by coring through the clarifier after cleaning and removal of the existing residual liquid. Upon completion of the sampling, Cornerstone will provide a report to both the LACDPW and the City of South Gate requesting closure in place, provided the sampling data does not warrant additional sampling or further characterization. Upon receiving closure, Cornerstone will backfill the clarifier with compacted a concrete slurry and cap the unit with a 6" concrete slab. Armstrong is requesting closure in place since the in-operative clarifier for which this workplan has been prepared is located directly below a operating high-efficiency oil/water separator (OWS). Please refer to the attached letter regarding the structural reasons for performing the closure in place as prepared by Mr. Peter Grillias, Structural Engineer of GPRA dated August 7, 1996 (Please refer to Appendix B).

- (a) **Workplan Preparation** - Since it is the intent of Armstrong to close out the clarifier in place so as not to impact the structural integrity of the operative oil/water separator which sits directly above the clarifier, this workplan has been prepared for submittal to the LACDPW and the City of South Gate for approval.
- (b) **Health & Safety** - Upon approval of the LACDPW and the City of South Gate and as based on schedule constraints, Cornerstone will coordinate the soil sampling portion of the closure request. Prior to any persons arriving at the site including any City officials, Cornerstone must have the agreement of alt regarding health and safety precautions for performing the required sampling. Specifically, Cornerstone will utilize an organic vapor analyzer (OVA) to screen all soil sampling and entry areas to assess any hazardous conditions. Should any reading over 1,000 parts per million (ppm) be detected utilizing the OVA with photoionizing detector, Cornerstone will cease operations and evaluate the next level of personal protective equipment for all personnel at the site. This may involve additional on-site air sampling via Drager tubes or substitute.



- (c) **Removal of Residual Liquid and Sampling** - Cornerstone will then contract with a licensed waste hauler to remove the existing liquid from the clarifier prior to sampling. The clarifier will be hydroblasted to remove any remaining residual materials from the walls and floor of the unit. All liquids will be manifested and removed from the site by a licensed waste hauler to a permitted waste disposal facility. All documentation including manifests will be provided to the City of South Gate in the final closure report. The material in the clarifier is storm water runoff, estimated to be approximately 1,500 gallons.
- (d) **Sampling** - Cornerstone will then core four holes to obtain appropriate soil samples from the influent and effluent ports and from two locations beneath the unit (Please refer to Figure 2). Each of these holes will be filled with concrete upon completion of the sampling so as to close potential surface spill pathways. Cornerstone will follow all sampling protocols including decontamination of sampling equipment, proper chain of custody documentation and proper health and safety. All soil sampling will be performed by a State of California Registered Geologist (RG). Soil analysis data will be cross checked by use of in-field Organic Vapor Analyzer (OVA) measurements. All four soil samples will be tested via EPA SW-846 Method 418.1 for Total Recoverable Petroleum Hydrocarbons (TRPH), California Administrative Manual Metals (CAM 17), EPA Method 8240 for solvent constituents and EPA Method 8015M Fingerprint for Total Petroleum Hydrocarbons (TPH). The following soil samples will be tested at the following locations and depths:

Sampling Protocol

Sample ID	Location	Depth	Sample Analysis
S-1	Influent Connection (Capped)	5' below ground surface (bgs) and 3' out horizontally	418.1 TRPH CAM Metals (17) 8240 Solvents 8015M Fingerprint TPH
S-2	Effluent Connection (Capped)	5' below ground surface (bgs) and 3' out horizontally	
S-3	Stage I	5' bgs. Stage I counting from influent connection	
S-4	Stage III	5' bgs	



- (e) **Final Report** - A final report summarizing the sampling data and including all pertinent data will be submitted to both the LACDPW and the City of South Gate for review.
- (f) **Backfill** - Upon approval of the sampling data, Cornerstone will backfill the clarifier with a concrete slurry and cap the unit with a 6" concrete slab.

Cornerstone has identified the following specific tasks that will be conducted:

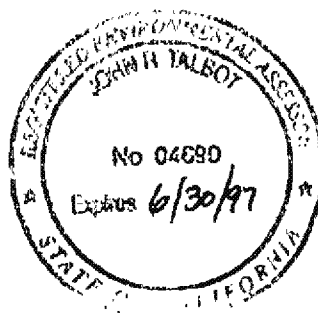
- We will conduct a site visit to examine the potential drilling locations and possible logistical conflicts. Drilling locations will be marked.
- We will coordinate with Underground Service Alert at least 48 hours prior to the commencement of subsurface exploratory work, as required by law. Any on-site locations will also be checked for utility conflicts by a private underground utility locating service.
- We will prepare a site-specific Health and Safety Plan in accordance with Occupational Safety and Health Administration (OSHA) regulations.
- Soils will be sampled in accordance with procedures specific in California Code of Regulations (CCR) Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.20(c). This will include screening of each sample obtained by an organic vapor analyzer (OVA) during sampling. All soil samples will be acquired by a California Registered Geologist (RG).
- All samples will be labeled and stored on ice in a cooler for transport to a California state-certified laboratory. Samples will be transported under strict chain-of-custody protocol.

Pertinent information obtained by Cornerstone during this investigation will be compiled in a report, which will serve as the basis for the recommendation of any further actions at the site. Should you have any questions or comments please do not hesitate to call me at (714) 852-3099.

Respectfully,
CORNERSTONE TECHNOLOGIES, INC.



John R. Talbot, REA
Environmental Project Manager



cc: Mr. William Woyshner
Armstrong World Industries, Inc.

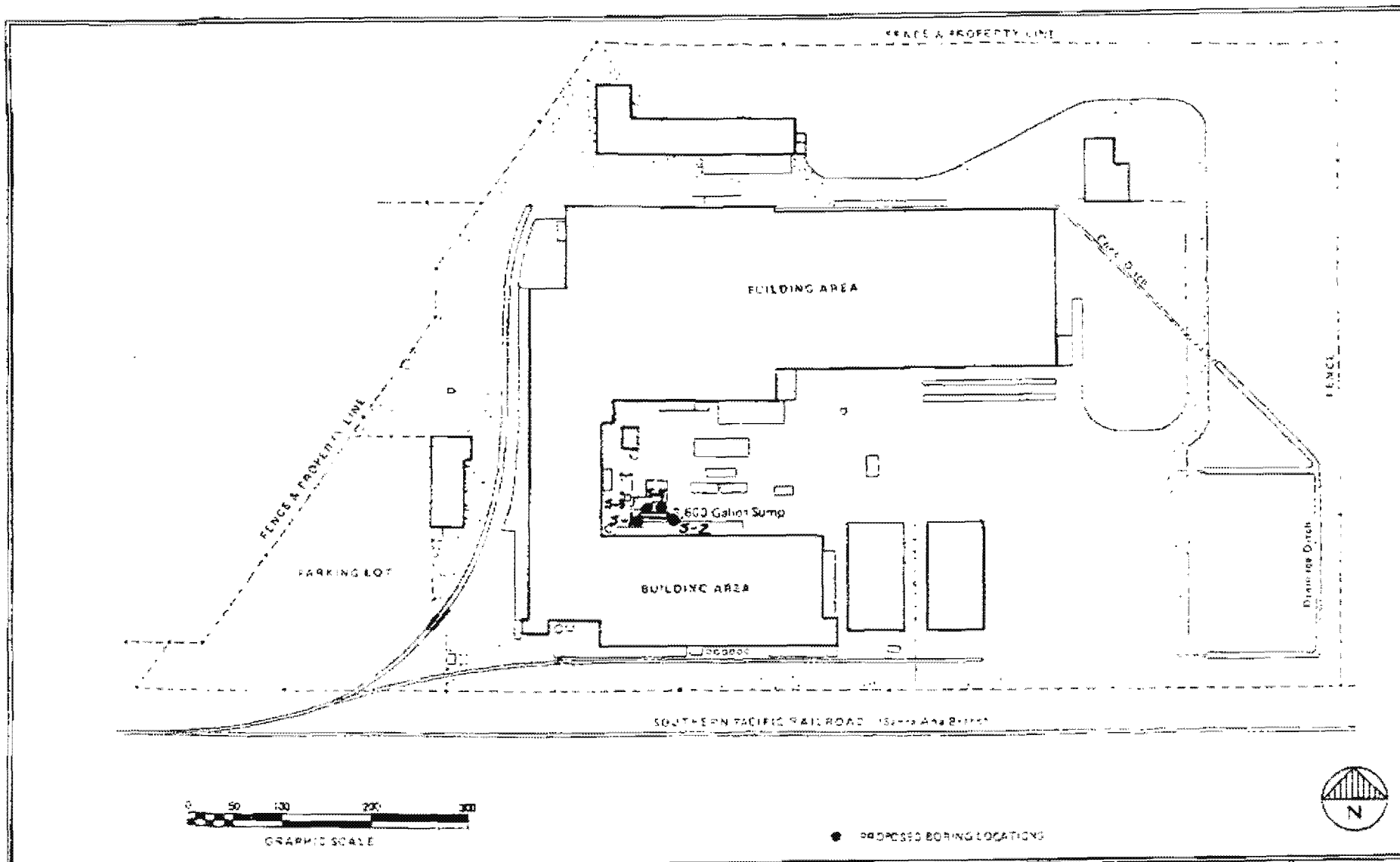
Figure 1 - Site Plot Plan

Figure 2 - Sample Locations

Appendix A - City of South Gate Application for Industrial Waste Pretreatment System Closure

Appendix B - LACDPW Permit and Renewal Information



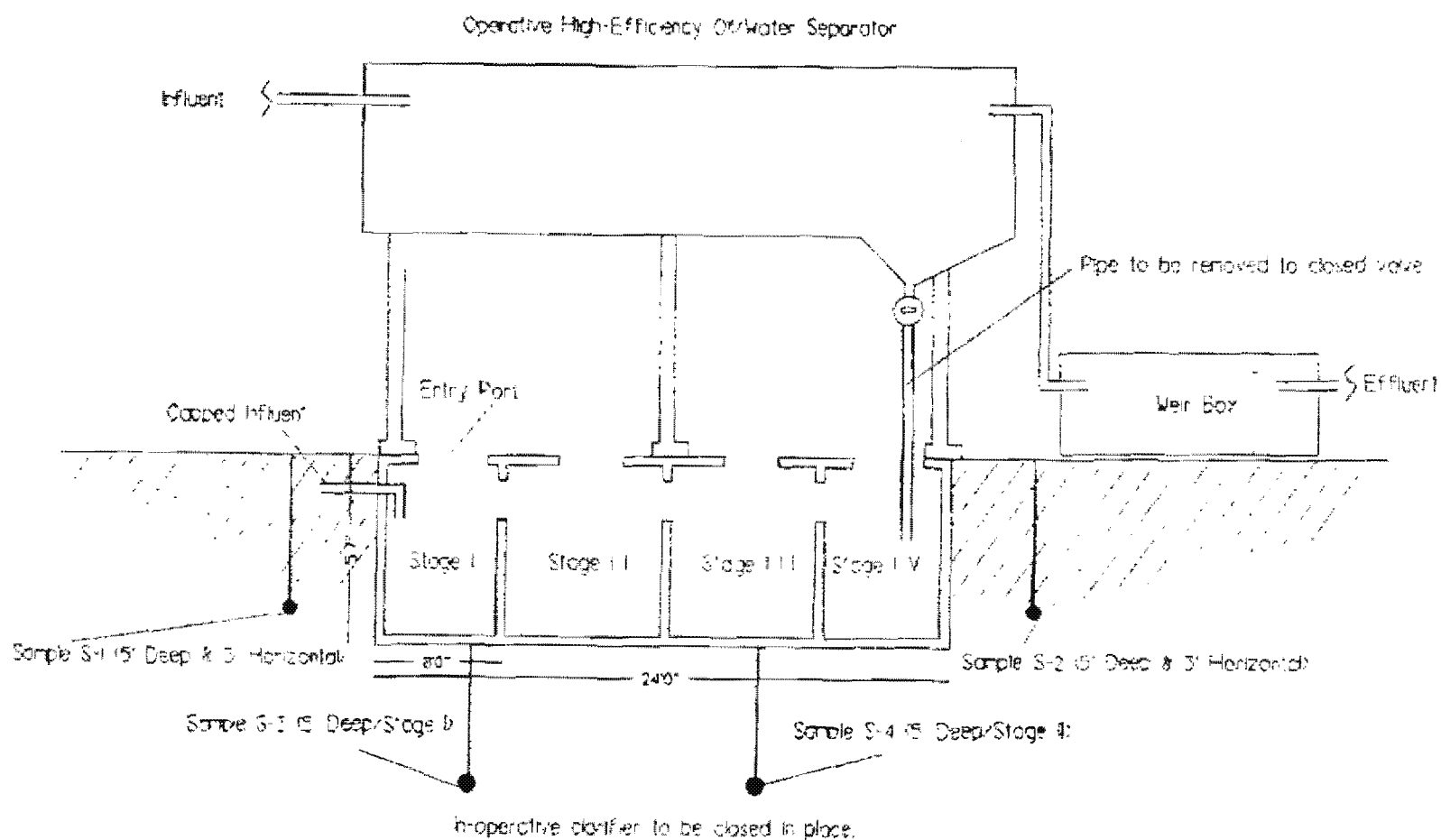


**CORNERSTONE
TECHNOLOGIES, INC.**
Environmental & Construction

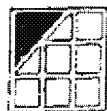
ARMSTRONG WORLD INDUSTRIES, INC.
5037 PATAYA STREET
CITY OF SOUTH GATE
COUNTY OF LOS ANGELES, CALIFORNIA

FIGURE 1
SITE PLOT PLAN

PROJECT NO. E3390-9642



NOTE Inoperative Clarifier has no connections to sewerage lines



**CORNERSTONE
TECHNOLOGIES, INC.**
Environmental & Construction

ARMSTRONG WORLD INDUSTRIES, INC
5037 PATATA STREET
CITY OF SOUTH GATE
COUNTY OF LOS ANGELES, CALIFORNIA

FIGURE 2

SAMPLE LOCATIONS

PROJECT NO E3390-9642

APPENDIX A

**CITY OF SOUTH GATE APPLICATION FOR INDUSTRIAL WASTE
PRETREATMENT SYSTEM CLOSURE**



CITY OF SOUTH GATE

DEPARTMENT OF PUBLIC WORKS
8880 CALIFORNIA AVENUE
SOUTH GATE, CALIFORNIA 90280-3075
PHONE (213) 860-9537

FILE

FEE \$

APPLICATION FOR INDUSTRIAL WASTE PRE-TREATMENT SYSTEM CLOSURE**FACILITY/SITE INFORMATION & ADDRESS**

FACILITY/SITE NAME	Armstrong World Ind., Inc	C/O Mr. William Woyshner
ADDRESS	5037 Patata Street	CROSS STREET Wilcox
CITY	South Gate STATE CA ZIP CODE 90280	PHONE (213) 562-7227
EMERGENCY CONTACT	John Talbot-Consultant	PHONE (714) 567-0566 24 hrs.

PROPERTY OWNER INFORMATION & ADDRESS

FACILITY/SITE NAME	Same as above.	C/O
MAILING ADDRESS		
CITY	STATE ZIP CODE	PHONE ()-

Consultant FACILITY/SITE NAME	Cornerstone Tech., Inc.	OWNER/OPERATOR AS CONTRACTOR <input type="checkbox"/>
MAILING ADDRESS	1300 Quail Street, #203	C/O Mr. John Talbot, REA
CITY	Newport Bch STATE CA ZIP CODE 92660	CONTRACTOR LICENSE NO. REA-04690 CA 6/97
		PHONE (714) 851-3099

CLOSURE REQUESTED

- ☐ PERMANENT, FACILITY REMOVAL (SEE CONDITIONS A, B, C, E AND F ON BACK)
- ☒ PERMANENT, CLOSURE IN PLACE (SEE CONDITIONS A, B, C, D AND F ON BACK)

DESCRIPTION OF WASTE GENERATING OPERATIONS TO BE CLOSED

TYPE OF BUSINESS	Floor Tile Manufacturing	I.W. PERMIT NUMBER	P0000306
FEDERAL SIC CODE	3996	WASTEWATER PRODUCING OPERATIONS	
Tile washing operations.			
FACILITY(S) TO BE CLOSED	3,600 Gallon In-Operative Underground Clarifier		

COMPLETE THE FOLLOWING:

	YES	NO
HAS AN UNAUTHORIZED RELEASE EVER OCCURRED AT THIS SITE?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HAVE STRUCTURAL REPAIRS EVER BEEN MADE TO THIS FACILITY?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
WILL NEW FACILITIES BE INSTALLED AFTER CLOSURE?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
WILL INDUSTRIAL WASTE GENERATING OPERATION(S) REMAIN AFTER CLOSURE?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Existing high efficiency oil/water separator to be removed
>>> IF THE ANSWER TO ANY QUESTION ABOVE IS YES, ATTACH EXPLANATION <<<

NOTICE: WASTEWATER, RESIDUES THAT MAY BE LEFT IN FACILITIES TO BE CLOSED AND CONTAMINATED SOILS MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

BY SIGNATURE BELOW AND UNDER PENALTY OF PURGERY, THE APPLICANT CERTIFIES THAT ALL STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT AND THAT THEY HAVE READ AND AGREE TO ABIDE BY THIS CLOSURE AUTHORIZATION AND ALL CONDITIONS AND LIMITATIONS ON THE REVERSE SIDE OF THIS FORM AND ADDITIONAL CONDITIONS THAT MAY BE ATTACHED.

APPLICANTS SIGNATURE	DATE	July 24, 1996
(PRINT NAME) John R. Talbot, REA	PHONE	(714) 851-3099
AS: OWNER <input type="checkbox"/> OPERATOR <input type="checkbox"/> CONSULTANT <input checked="" type="checkbox"/>		

PURSUANT TO SECTION 20.36.220, CITY MUNICIPAL CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. THIS AUTHORIZATION EXPIRES 180 DAYS FROM THE DATE BELOW.

BY

DATE July 24, 1996



City of South Gate

8650 CALIFORNIA AVENUE • SOUTH GATE, CA 90280 3574 • (213) 583-9537
FAX (213) 563-9572

FROM THE OFFICE OF
JAMES A. BERRY, P.E.
DIRECTOR OF PUBLIC WORKS
CITY ENGINEER

July 18, 1996

John Talbot
CORNER STONE TECHNOLOGY
1300 Quale Street, Suite 203
Newport Beach, CA 92660

**Subject: Industrial Waste Pretreatment System Closure
Armstrong World Industries, 5037 Patata Street**

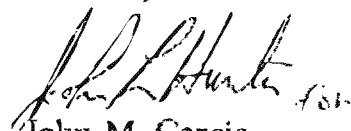
Dear Mr. Talbot:

As per your request, please find enclosed an Industrial Waste Pretreatment System Closure application for the clarifier at the subject site. In order to abandon the clarifier properly, you will need to complete this form and submit it along with the Closure Fee of \$142.00 and proposed soil sampling locations to this office by **August 18, 1996**.

Please do not take any soil samples until the locations, depths and test methods have been approved by this office. A separate plumbing or sewer permit may be required.

Thank you for your cooperation in this matter. If you have any questions or need assistance in completing the application, please call me at (213) 563-9537, Mondays and Wednesdays between 10:00 and 11:00 am.

Sincerely,


John M. Garcia
Assistant City Engineer

APPENDIX B
DPW PERMIT AND RENEWAL INFORMATION



ON FOR CLOSURE
 JS MATERIALS UNDERGROUND STORAGE
 OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS
 MANAGEMENT DIVISION
 S. FREMONT AVENUE
 HAMBRA, CALIFORNIA 91803-1331

Permit B
 File R/C
 Fee \$
 Check ☐ Cash ☐
 Phone (213) 773-3813

OWNER: Name ARMSTRONG WORLD INDUSTRIES, INC.

Mailing Address 5037 PATATA STREET City SOUTH GATE State CA Zip 90280-31

FACILITY:

Occupant Name ARMSTRONG WORLD INDUSTRIES, INC. Phone (213) 773-3813
 Site Address 5037 PATATA STREET City SOUTH GATE Zip 90280
 Mailing Address SAME City State Zip
 Contact Person WILLIAM SCOTT WOYSHNER Title ENVIRONMENTAL SPECIALIST
 (213) 562-7227

CONTRACTOR ☐, complete below:

Name OWNER/OPERATOR AS CONTRACTOR ☐
 State License No. Class Phone

CLOSURE REQUESTED:

☐ PERMANENT, TANK REMOVAL (See Conditions A and C Attached)
 How many underground tanks will remain after this closure?

☒ PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)
☐ TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION:

PLOT PLAN ATTACHED ☒

EXISTING HMUSP NO. P0003065T

Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
1	CONCRETE	31 YRS.	3,600 GALLONS	HAZARDOUS MATERIALS (PAST) --OIL & WATER MIXTURE RAIN WATER (PRESENTLY)

COMPLETE THE FOLLOWING:

	YES	NO
Has an unauthorized release ever occurred at this site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have structural repairs ever been made to these tanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will new underground tanks be installed after closure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will any wells, including monitoring wells, be abandoned?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature [Signature]
 (Print Name) John R. Talbot

Date 8/7/96
 Phone (714) 851-5099

Owner ☐ Operator ☒

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS
 PURSUANT TO SECTION 11.80.0708, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS (X). THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

BARRY W. STONE
 Director of Public Works

By Date

**COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION**

CLOSURE REPORT REQUIREMENTS

A closure report shall be submitted to the County of Los Angeles Department of Public Works, Waste Management Division, P.O. Box 1460, Alhambra, California 91802-1460, containing:

1. File number of facility and closure permit number.
2. Plot plan to scale showing locations of tanks, sampling points, buildings, adjacent streets, and north arrow.
3. Description of methods for obtaining, handling, and transporting samples.
4. Time and date samples were obtained.
5. Soil sampling certification (including but not limited to soils classification, boring logs, sample procedures, sample locations, initiating chain-of-custody, and groundwater location) for UST closure shall be certified by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils. The certification must clearly state that all work was performed under the supervision of the person signing.
6. Chain-of-custody documentation initiated by person obtaining sample through person at CAL/EPA Department of Toxic Substance Control certified laboratory.
7. Disposal destination of tanks and evidence of legal disposal.
8. Analysis results by a State certified laboratory submitted on laboratory letterhead showing analysis date, methods of extraction, and methods of analysis.
9. Documentation as to depth of groundwater at facility.
10. Manifests to document hazardous waste disposal of any removed soil and tank rinseate.
11. Any observations of site contamination.
12. Remedial action plan to mitigate contamination.
13. Report to be signed by a California registered geologist, a California certified engineering geologist, or a California registered civil engineer with sufficient experience in soils.

Print Name _____

Signature _____

Date _____

UST1/CRR

05/10/93

Post-it brand fax transmittal memo 757	
To: John Toller	From: Nancy Good
Co: Cornerstone 714	Re: 1460-1460
Date: 08/07/93	Page: 1 of 1

August 7, 1996

John R. Talbot, REA
Cornerstone Technologies Inc.
1300 Quail Street, Suite 203
Newport Beach, California 92660

Subject: Armstrong World Industries Clarifier

Dear John:

I have reviewed the material you provided on the subject clarifier. The oil/water separator is supported directly over the clarifier walls. Removal of the clarifier would cause loss of support for the separator. Based on structural considerations, I would advise leaving the clarifier in place.

Sincerely,

GRILLIAS • PIRC • ROSIER • ALVES



Peter A. Grillias, SE
PAG:dgy



ARMSTRONG WORLD INDUSTRIES, INC.
P.O. BOX 3801 • LANCASTER, PA. 17604

696333

80-1237
815

DATE
05-29-96

AMOUNT
\$*****375.00

PAY
TO THE ORDER OF

DISBURSEMENT ACCOUNT

LOS ANGELES CO DEPT OF PUB WORKS
CASHIER UNIT
P O BOX 1460
ALHAMBRA CA 91802

Stephen C. Hendrix
TREASURER

Carier County State Bank, A Correspondent of
The Boatmen's National Bank of St. Louis

⑆696333⑆ ⑆08151237⑆ ⑆0100770973⑆



ARMSTRONG WORLD INDUSTRIES, INC.
P.O. BOX 3801 • LANCASTER, PA. 17604

REMITTANCE ADVICE

696333

INVOICE NUMBER	VOUCHER NUMBER	INVOICE DATE	INVOICE AMOUNT	DISCOUNT AMOUNT	NET AMOUNT	
011474	E19004	05-10-96	375.00		375.00	*
110 000532994	TOTALS:		375.00		375.00	



June 4, 1996

Waste Management Division
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
900 South Fremont Avenue
Alhambra, CA 91803-1331

SUBJECT: UNDERGROUND STORAGE TANK PERMIT RENEWAL FORMS

SITE: ARMSTRONG WORLD INDUSTRIES, INC.
5037 Palata Street
South Gate, CA 90280-3555
(Existing Permit No.: P00003065T)

To Whom It May Concern:

Armstrong World Industries, Inc. ("Armstrong") is submitting the permit renewal forms for an existing wastewater settling tank/clarifier that was captured under the Hazardous Material Underground Storage Permit (HMUSP) program.

Enclosed are the completed forms (Permit Application Supplement/Notice to File and Permit Application Form A), and a check (Check No.: 696333) for permit fees and surcharge fees in the amount of \$375.00.

Armstrong is in the process of selecting a contractor to close the existing settling tank in accordance with California Code of Regulations, Title 23, Underground Storage Tank Regulations. During the next few weeks, we will be choosing a contractor, submitting the necessary closure application forms, and preparing a work plan for submittal to your department. We are an environmentally conscious facility and will make every effort to ensure compliance with all environmental rules and regulations.

Should you have any questions or comments, please do not hesitate to call me at (213) 562-7227.

Sincerely,

A handwritten signature in black ink, appearing to read "Bill Woyshner".

Bill Woyshner
Environmental Specialist

FROM : CORNERSTONE ESC

PHONE NO. : 714 851 3099

Aug. 07 1996 04:44PM P17

INDUSTRIES

HAZARDOUS MATERIAL UNDERGROUND STORAGE PERMIT FEE
FOR PERMIT PERIOD: 05/05/96 THROUGH 05/04/97

PERMIT NO: P00003065T
FILE NO: 011474 011516
AREA: 23
DATE: 03/28/96

90280

ATTN: MAILING ADDRESS: ARMSTRONG WORLD INDUSTRIES
BOX 1489
SOUTH GATE, CA 90280

RETURN TO: LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
CASHIER UNIT
P. O. BOX 1460
ALHAMBRA, CA 91802

CHECK PAYABLE TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS

* AMOUNT DUE: \$375.00 *
* DUE DATE: 06/05/96 *

NO. OF PERMITTED TANKS: 7

FEE TYPE	FEE DESCRIPTION	BALANCE FORWARD	ANNUAL FEE	AMOUNT OWING
T	ANNUAL PERMIT FEE		\$131.00	\$131.00
S	STATE SURCHARGE		\$56.00	\$56.00
A	NEW PERMIT APPLICATION		\$188.00	\$188.00
	TOTALS		\$375.00	\$375.00

DUE DATE: 06/05/96

PERMITS MUST BE RECEIVED BY 07/05/96. FEE SUBJECT TO A 10% PENALTY FOR EVERY 30 DAYS DELINQUENT PAST THE DUE DATE. PERMITS
DELINQUENT 90 DAYS PAST THE DUE DATE ARE SUBJECT TO SUSPENSION.

REFER ALL INQUIRES TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS (818) 458-3517
* RETAIN THIS PORTION FOR YOUR RECORDS *

ARMSTRONG WORLD INDUSTRIES
37 PATATA ST
SOUTH GATE, CA 90280

HAZARDOUS MATERIAL UNDERGROUND STORAGE PERMIT FEE
FOR PERMIT PERIOD: 05/05/96 THROUGH 05/04/97

PERMIT NO: P00003065T
FILE NO: 011474 011516
AREA: 23
DATE: 03/28/96

ATTN: MAILING ADDRESS: ARMSTRONG WORLD INDUSTRIES
BOX 1489
SOUTH GATE, CA 90280

RETURN TO: LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
CASHIER UNIT
P. O. BOX 1460
ALHAMBRA, CA 91802

CHECK PAYABLE TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS

* AMOUNT DUE: \$375.00 *
* DUE DATE: 06/05/96 *

REFER ALL INQUIRES TO: L.A. COUNTY DEPARTMENT OF PUBLIC WORKS (818) 458-3517
* RETURN THIS PORTION WITH PAYMENT *

PERMIT APPLICATION SUPPLEMENT/NOTICE TO FILE HAZARDOUS MATERIALS UNDERGROUND STORAGE PERMIT

DATE: 6/5/96

Los Angeles County Department of Public Works
Waste Management Division
900 South Fremont Avenue
Alhambra, CA 91803-1331

This form must accompany all tank permit applications to operate underground storage tanks "See instructions on back of this form"

DPW USE ONLY	
FILE #	<u>11474-11516</u>
PERMIT #	<u>3065T</u>
R/C CODE	<u>2J</u>
SIC CODE	
STATE ID #	
TGP	TGC

IF THERE ARE NO UNDERGROUND TANKS AT THIS FACILITY, GO TO PARTS F & G.

(A) **ARMSTRONG WORLD INDUSTRIES, INC.**

FACILITY NAME
5037 PATATA STREET

MAILING ADDRESS
SOUTH GATE, CA 90280-3555

CITY STATE ZIP CODE

FACILITY LOCATION

(B) Application is hereby made for a Hazardous Material Underground Storage Permit (HMUSP) to operate and maintain underground storage tanks within Los Angeles County jurisdiction.

NEW PERMIT ☐ EXISTING PERMIT RENEWAL ☒

Existing Permit Number P00003065T

Number of tanks at facility 1 (old settling tank)

(C) Assessor parcel identification (obtain from property tax bill):

Map Book Number 6224 Page Number 031 Parcel Number 003

(D) This supplement must be accompanied by:

- (1) One copy of state form "A", facility/site information, for each site.
- (2) One copy of state form "B", tank permit application information, for each tank.
- (3) Leak Detection Program (LDP) and Tank Monitoring Program (TMP) proposals.
- (4) HMUSP application fee (Complete Part E).

(E) Hazardous Materials Underground Storage Permit (HMUSP) fee schedule:

The HMUSP application fee shall include the first annual permit maintenance fee, and State surcharge.
Circle amount remitted.

NUMBER OF TANKS	HMUSP (APPLICATION FEE)	ANNUAL PERMIT MAINTENANCE FEE	STATE SURCHARGE	=	TOTAL FEES DUE
1	\$188	+ \$131	+ \$56	=	\$375
2	\$221	+ \$153	+ \$112	=	\$486
3	\$254	+ \$175	+ \$168	=	\$597
4	\$287	+ \$197	+ \$224	=	\$708
5	\$320	+ \$219	+ \$280	=	\$819
6 or more tanks	\$155 + \$33 per tank	+ \$109 + \$22 per tank	+ \$56 per tank	=	

MAKE CHECKS PAYABLE TO: "L.A. COUNTY DEPARTMENT OF PUBLIC WORKS"

(F) Facilities claiming an exemption to regulation must complete this section:

- ☐ There are no underground storage tanks within this facility.
- ☐ Final interceptor(s) regulated under industrial waste Permit No. _____
- ☐ Underground containers within this facility are used only for emergency spill containment for above ground storage tanks.
- ☐ Other (attach a written statement).

(G) Tank owner representative must complete this section (see back of form):

Signature James D. Bosserman Title PLANT MANAGER

Printed Name JAMES D. BOSSERMAN Date 6/5/96

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT <input type="checkbox"/> 2 INTERIM PERMIT	<input checked="" type="checkbox"/> 3 RENEWAL PERMIT <input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION <input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	<input type="checkbox"/> 7 PERMANENTLY CLOSED SITE
-----------------------	--	---	---	--

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DEA OR FACILITY NAME ARMSTRONG WORLD INDUSTRIES, INC.		NAME OF OPERATOR SAME	
ADDRESS 5037 PATATA STREET		NEAREST CROSS STREET WILCOX STREET	
CITY NAME SOUTH GATE		STATE CA	ZIP CODE 90280-3555
		PARCEL # (OPTIONAL) (213) 773-3813	
<input checked="" type="checkbox"/> BOX TO INDICATE <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY DISTRICTS* <input type="checkbox"/> COUNTY AGENCY* <input type="checkbox"/> STATE AGENCY* <input type="checkbox"/> FEDERAL AGENCY*			
* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST			
TYPE OF BUSINESS <input type="checkbox"/> 1 GAS STATION <input type="checkbox"/> 2 DISTRIBUTOR <input type="checkbox"/> 3 FARM <input type="checkbox"/> 4 PROCESSOR <input checked="" type="checkbox"/> 5 OTHER		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE 1
		E.P.A. I.D. # (optional) CAD088387741	

EMERGENCY CONTACT PERSON (PRIMARY)

DAYTIME NAME (LAST, FIRST) WOYSHNER, WILLIAM S.	PHONE # WITH AREA CODE (213) 562-7227
NIGHTTIME NAME (LAST, FIRST) WOYSHNER, WILLIAM S.	PHONE # WITH AREA CODE (310) 430-1650

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYTIME NAME (LAST, FIRST) BOSSERMAN, JAMES D.	PHONE # WITH AREA CODE (213) 562-7215
NIGHTTIME NAME (LAST, FIRST) BOSSERMAN, JAMES D.	PHONE # WITH AREA CODE (714) 524-6468

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME ARMSTRONG WORLD INDUSTRIES, INC.		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS P. O. BOX 3001		<input checked="" type="checkbox"/> BOX TO INDICATE <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY	
CITY NAME LANCASTER		STATE PA	ZIP CODE 17604
		PHONE # WITH AREA CODE (717) 397-0611	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER ARMSTRONG WORLD INDUSTRIES, INC.		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS 5037 PATATA STREET		<input checked="" type="checkbox"/> BOX TO INDICATE <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY	
CITY NAME SOUTH GATE		STATE CA	ZIP CODE 90280-3555
		PHONE # WITH AREA CODE (213) 773-3813	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ **44-009330**

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> BOX TO INDICATE N/A	<input type="checkbox"/> 1 SELF-INSURED <input type="checkbox"/> 3 LETTER OF CREDIT	<input type="checkbox"/> 2 GUARANTEE <input type="checkbox"/> 4 EXEMPTION	<input type="checkbox"/> 3 INSURANCE <input type="checkbox"/> BY OTHER	<input type="checkbox"/> 4 SURETY BOND
---	--	--	---	--

VI. LEGAL NOTIFICATION AND BILLING ADDRESS Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING:	I. <input checked="" type="checkbox"/>	II. <input type="checkbox"/>	III. <input type="checkbox"/>
--	--	------------------------------	-------------------------------

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED) JAMES D. BOSSERMAN	OWNER'S TITLE PLANT MANAGER	DATE MONTH/DAY/YEAR 6/5/96
--	---------------------------------------	--------------------------------------

LOCAL AGENCY USE ONLY

COUNTY # 719	JURISDICTION # 000	FACILITY # 11474-111516
LOCATION CODE - OPTIONAL	GENUS TRACT # - OPTIONAL	SUPERVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input type="checkbox"/> 8 TANK REMOVED

DSAO/FACILITY NAME WHERE TANK IS INSTALLED: **ARMSTRONG WORLD INDUSTRIES, INC.**

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# 316	B. MANUFACTURED BY: HYGI
C. DATE INSTALLED (MO/DAY/YEAR) 1965	D. TANK CAPACITY IN GALLONS: APPROX. 3600 GALLONS

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input type="checkbox"/> 1 MOTOR VEHICLE FUEL <input type="checkbox"/> 2 PETROLEUM <input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 4 OIL <input checked="" type="checkbox"/> 50 EMPTY <input type="checkbox"/> 55 UNKNOWN	B. <input type="checkbox"/> 1 PRODUCT <input checked="" type="checkbox"/> 2 WASTE
C. <input type="checkbox"/> 10 REGULAR UNLEADED <input type="checkbox"/> 15 PREMIUM UNLEADED <input type="checkbox"/> 2 LEADED <input type="checkbox"/> 3 DIESEL <input type="checkbox"/> 4 GASAHOL <input type="checkbox"/> 5 JET FUEL <input checked="" type="checkbox"/> 60 OTHER (DESCRIBE IN ITEM D BELOW)		

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED: **RAIN WATER** C.A.S.#.

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM <input type="checkbox"/> 1 DOUBLE WALL <input checked="" type="checkbox"/> 2 SINGLE WALL <input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER <input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK) <input type="checkbox"/> 55 UNKNOWN <input type="checkbox"/> 60 OTHER	B. TANK MATERIAL (Primary Tank) <input type="checkbox"/> 1 BARE STEEL <input type="checkbox"/> 2 STAINLESS STEEL <input type="checkbox"/> 3 FIBERGLASS <input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 5 CONCRETE <input type="checkbox"/> 6 POLYVINYL CHLORIDE <input type="checkbox"/> 7 ALUMINUM <input type="checkbox"/> 8 100% METHANOL COMPATIBLE WRFP <input type="checkbox"/> 9 BRONZE <input type="checkbox"/> 10 GALVANIZED STEEL <input type="checkbox"/> 55 UNKNOWN <input type="checkbox"/> 60 OTHER	C. INTERIOR LINING <input type="checkbox"/> 1 RUBBER LINED <input type="checkbox"/> 2 ALKYL LINED <input type="checkbox"/> 3 EPOXY LINED <input type="checkbox"/> 4 PHENOLIC LINED <input type="checkbox"/> 5 GLASS LINING <input checked="" type="checkbox"/> 6 UNLINED <input type="checkbox"/> 55 UNKNOWN <input type="checkbox"/> 60 OTHER
D. CORROSION PROTECTION <input type="checkbox"/> 1 POLYETHYLENE WRAP <input type="checkbox"/> 2 COATING <input type="checkbox"/> 3 VINYL WRAP <input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 5 CATHODIC PROTECTION <input checked="" type="checkbox"/> 6 NONE <input type="checkbox"/> 55 UNKNOWN <input type="checkbox"/> 60 OTHER		
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) N/A OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) N/A		

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 55 OTHER
B. CONSTRUCTION	<input checked="" type="checkbox"/> 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 55 UNKNOWN A U 60 OTHER
C. MATERIAL AND CORROSION PROTECTION	<input checked="" type="checkbox"/> 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE WRFP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 55 UNKNOWN A U 60 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input type="checkbox"/> 55 OTHER N/A

V. TANK LEAK DETECTION

<input checked="" type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VAPOR MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 8 NONE	<input type="checkbox"/> 55 UNKNOWN	<input type="checkbox"/> 60 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR): 1/94	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 2,000 GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
--	--	---

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME
(PRINTED SIGNATURE)

JAMES D. BOSSERMAN

DATE

6/5/96

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS